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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/632,812	08/04/2003	Jui-Ming Wang	98730-000023/US	4601

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EXAMINER
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SAID, MANSOUR M

ART UNIT	PAPER NUMBER
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2673

DATE MAILED: 10/05/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

10/632,812

Applicant(s)

WANG, JUI-MING

Examiner

MANSOUR M. SAID

Art Unit

2673

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 04 August 2003.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.


**Disposition of Claims**

- 4) ☒ Claim(s) 1-12 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-2 is/are rejected.
- 7) ☒ Claim(s) 3-12 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). 
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_

## **DETAILED ACTION**

### ***Claim Rejections - 35 USC § 112***

1. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

2. Claims 3 and 9-10 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

As to **claim 3**, the term “NTAA” is not defined in the claim, as described in the SPEC, such as “No Touch Auto Adjustment”. Appropriate correction is required.

As to **claims 9-10**, the terms “H-OSD & V-OSD” are not defined in the claims that what they stand for. Appropriate correction is required.

### ***Claim Rejections - 35 USC § 103***

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. **Claim 1 is rejected under 35 U.S.C. 103(a) as being unpatentable over Wu (6,392,642 B1) in view of Takasu et al. (6,366,263 B1; hereinafter referred to as Takasu).**
5. Wu teaches a method of automatic monitor display adjustments for automatically adjusting the monitor display when a first screen display signal (figure 13 and column 5, lines 62-65), the method comprising the steps of: receiving a screen display signal (figure 13, (100))

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and column 5, lines 65-67); determining that the screen display signal is not compatible with the monitor display range (figure 13, (108)) and column 6, lines 5-15); executing automatic monitor display adjustments (figure 13, (112)) and column 6, lines 15-19)); and automatically adjusting the monitor display range (figure 13, (110) and column 6, lines 15-19)).

Wu does not expressly teach that signal is received after the monitor power is on.

However, Takasu teaches that signal is received after the power is on (figure 6, column 11, lines 57-67, column 12, lines 12-67 and column 13, lines 1-24).

Therefore, it would have been obvious to one ordinary skill in the art at the time the invention was made to incorporate Takasu's device teaching monitor signal power into Wu's device so as to realizing the zoom function for enlarging or reducing an image while maintaining the aspect ratio thereof a constant, initially, the aspect ratio of the horizontal/vertical size, when an image is displayed in an initial state is computed and stored (column 11, lines 45-50).

**6. Claim 2 is rejected under 35 U.S.C. 103(a) as being unpatentable over Wu in view of Takasu as applied to claim 1 above, and further in view of Tsou (6,674,491 B2).**

7. Wu and Takasu do not teach all claimed limitations in claim 2 except that user operations interface.

However, Wu teaches user operation interface (figure 3, column 2, lines 45-67 and column 3, lines 1-9).

Therefore, it would have been obvious to one ordinary skill in the art at the time the invention was made to use Tsou's device teaching user operations interface into Wu's modified device to keep the high resolution of the system (column 2, lines 1-2).

***Allowable Subject Matter***

8. **Claims 3-12 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.**

The following is a statement of reasons for the indication of allowable subject matter: simultaneously receiving a MENU signal, an AUTO signal, and a POWER signal; reading a default screen adjustment value; receiving the MENU signal and providing a main menu; receiving a RECALL signal; adjusting the screen display according to the default monitor display settings; and changing the NTAA flag.

***Conclusion***

9. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Hwang (6,121,962) teaches a system for controlling a screen display state of a monitor according to input.

Singla et al. (6,597,373 B1) teach a display controller that includes a controller adapted to receive images selectable real time to different scanning resolutions.

10. Any inquiry concerning this communication or earlier communications from the examiner should be directed to MANSOUR M. SAID whose telephone number is (703) 306-5411. The examiner can normally be reached on MF (8:30-6:30).

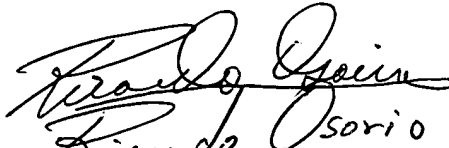
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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, BIPIN SHALWALA can be reached on (703) 305-4938. The fax phone number for the organization where this application or proceeding is assigned is (571) 272-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Mansour M. Said

9/30/05

  
Ricardo Osorio  
PRIMARY EXAMINER